

WHAT IS CLAIMED IS:

1. A fluid bearing device comprising: a housing; a bearing sleeve secured in position inside the housing; a shaft member adapted to rotate relative to the bearing sleeve; and a radial bearing portion supporting the shaft member radially in a non-contact fashion with an oil film formed in a radial bearing clearance between an inner peripheral surface of the bearing sleeve and an outer peripheral surface of the shaft member, with another member being fixed by adhesion to the housing,

wherein at least the housing is formed of resin, and wherein, of the housing and the other member, an adhesion portion of the one formed of resin has a surface roughness of $0.5\text{ }\mu\text{mRa}$ or more.

2. A fluid bearing device according to Claim 1, wherein the adhesion portion has a surface roughness of $2.0\text{ }\mu\text{mRa}$ or less.

3. A fluid bearing device according to one of Claims 1 and 2, wherein the other member fixed to the housing by adhesion is a bracket for mounting a stator coil of a motor.

4. A fluid bearing device according to one of Claims 1 and 2, wherein the other member fixed to the housing by adhesion is a sealing member for sealing up an opening of the housing.

5. A fluid bearing device according to one of Claims 1 and 2, wherein the other member fixed to the housing by adhesion is a thrust bush closing a bottom portion of the housing.

6. A fluid bearing device according to one of Claims 1 and 2, wherein the other member fixed to the housing by adhesion is the bearing sleeve.

7. A motor comprising a fluid bearing device as claimed in one of Claims 1 through 6; a stator coil; and a rotor magnet.